

SEQUENCE LISTING



<110> ISHIGURO, Koichi  
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UCHIDA, Tsuneko  
IMAHORI, Kazutomo

<120> ANTI-PHOSPHORYLATED TAU PROTEIN ANTIBODIES AND METHODS  
FOR DETECTING ALZHEIMER'S DISEASE WITH THE USE OF THE  
SAME

<130> 98-0997\*/LC(WMC)/1416

<140> 09/142,613

<141> 1999-04-19

<160> 22

<170> PatentIn Ver. 2.0

<210> 1

<211> 441

<212> PRT

<213> Homo sapiens

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Gln Asp Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr  
20 25 30

Met His Gln Glu Gly Asp Thr Asp Ala Gly Leu Lys Glu Ser Pro Leu  
35 40 45

Gln Thr Pro Thr Glu Asp Gly Ser Glu Glu Pro Gly Ser Glu Thr Ser  
50 55 60

Asp Ala Lys Ser Thr Pro Thr Ala Glu Asp Val Thr Ala Pro Leu Val  
65 70 75 80

Asp Glu Gly Ala Pro Gly Lys Gln Ala Ala Ala Gln Pro His Thr Glu  
85 90 95

Ile Pro Glu Gly Thr Thr Ala Glu Glu Ala Gly Ile Gly Asp Thr Pro  
100 105 110

Ser Leu Glu Asp Glu Ala Ala Gly His Val Thr Gln Ala Arg Met Val  
115 120 125

Ser 130	Lys	Ser	Lys	Asp	Gly	Thr 135	Gly	Ser	Asp	Asp	Lys 140	Lys	Ala	Lys	Gly
Ala 145	Asp	Gly	Lys	Thr	Lys 150	Ile	Ala	Thr	Pro	Arg 155	Gly	Ala	Ala	Pro	Pro 160
Gly	Gln	Lys	Gly	Gln 165	Ala	Asn	Ala	Thr	Arg 170	Ile	Pro	Ala	Lys	Thr 175	Pro
Pro	Ala	Pro	Lys 180	Thr	Pro	Pro	Ser	Ser 185	Gly	Glu	Pro	Pro	Lys 190	Ser	Gly
Asp	Arg	Ser 195	Gly	Tyr	Ser	Ser	Pro 200	Gly	Ser	Pro	Gly	Thr 205	Pro	Gly	Ser
Arg	Ser 210	Arg	Thr	Pro	Ser	Leu 215	Pro	Thr	Pro	Pro	Thr 220	Arg	Glu	Pro	Lys
Lys 225	Val	Ala	Val	Val	Arg 230	Thr	Pro	Pro	Lys	Ser 235	Pro	Ser	Ser	Ala	Lys 240
Ser	Arg	Leu	Gln	Thr 245	Ala	Pro	Val	Pro	Met 250	Pro	Asp	Leu	Lys	Asn 255	Val
Lys	Ser	Lys	Ile 260	Gly	Ser	Thr	Glu	Asn 265	Leu	Lys	His	Gln	Pro 270	Gly	Gly
Gly	Lys	Val 275	Gln	Ile	Ile	Asn	Lys 280	Lys	Leu	Asp	Leu	Ser 285	Asn	Val	Gln
Ser	Lys 290	Cys	Gly	Ser	Lys	Asp 295	Asn	Ile	Lys	His	Val 300	Pro	Gly	Gly	Gly
Ser 305	Val	Gln	Ile	Val	Tyr 310	Lys	Pro	Val	Asp	Leu 315	Ser	Lys	Val	Thr	Ser 320
Lys	Cys	Gly	Ser	Leu 325	Gly	Asn	Ile	His	His 330	Lys	Pro	Gly	Gly	Gly 335	Gln
Val	Glu	Val	Lys 340	Ser	Glu	Lys	Leu	Asp 345	Phe	Lys	Asp	Arg	Val 350	Gln	Ser
Lys	Ile	Gly 355	Ser	Leu	Asp	Asn	Ile 360	Thr	His	Val	Pro	Gly 365	Gly	Gly	Asn
Lys	Lys 370	Ile	Glu	Thr	His	Lys 375	Leu	Thr	Phe	Arg	Glu 380	Asn	Ala	Lys	Ala
Lys 385	Thr	Asp	His	Gly	Ala 390	Glu	Ile	Val	Tyr	Lys 395	Ser	Pro	Val	Val	Ser 400

Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser  
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Ile Asp Met Val Asp Ser Pro Gln Leu Ala Thr Leu Ala Asp Glu Val  
420 425 430

Ser Ala Ser Leu Ala Lys Gln Gly Leu  
435 440

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Val Ser Ala Ser Leu Ala Lys  
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